

WEST

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L6: Entry 3 of 6

File: DWPI

Apr 1, 1999

DERWENT-ACC-NO: 1998-052011
DERWENT-WEEK: 200055
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TITLE: Use of H2-antagonist especially cimetidine or ranitidine - in
formulations to reduce incidence of colds and similar illnesses

INVENTOR: SINGER, R E

PATENT-ASSIGNEE:

ASSIGNEE

CODE

PROCTER & GAMBLE CO

PROC

PRIORITY-DATA: 1996US-0662389 (June 12, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
MX 9810660 A1	April 1, 1999		000	A61K031/00
WO 9747292 A1	December 18, 1997	E	015	A61K031/00
AU 9733069 A	January 7, 1998		000	A61K031/00
CN 1221338 A	June 30, 1999		000	A61K031/00
EP 954294 A1	November 10, 1999	E	000	A61K031/00
BR 9709792 A	August 10, 1999		000	A61K031/00
JP 11513035 W	November 9, 1999		018	A61K045/00

DESIGNATED-STATES: AU BR CA CN JP KR MX SG AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
MX 9810660A1	December 14, 1998	1998MX-0010660	
WO 9747292A1	June 10, 1997	1997WO-US09977	
AU 9733069A	June 10, 1997	1997AU-0033069	
AU 9733069A		WO 9747292	Based on
CN 1221338A	June 10, 1997	1997CN-0195430	
EP 954294A1	June 10, 1997	1997EP-0928916	
EP 954294A1	June 10, 1997	1997WO-US09977	
EP 954294A1		WO 9747292	Based on
BR 9709792A	June 10, 1997	1997BR-0009792	
BR 9709792A	June 10, 1997	1997WO-US09977	
BR 9709792A		WO 9747292	Based on
JP 11513035W	June 10, 1997	1997WO-US09977	
JP 11513035W	June 10, 1997	1998JP-0501751	
JP 11513035W		WO 9747292	Based on

INT-CL (IPC): A61K 7/16; A61K 9/06; A61K 31/00; A61K 31/34; A61K 31/415; A61K

31/425; A61K 31/435; A61K 45/00; A61K 47/32

ABSTRACTED-PUB-NO: WO 9747292A
BASIC-ABSTRACT:

Use of an H2 antagonist in the manufacture of topical formulations to reduce the incidence of colds and similar illnesses is new.

The antagonist is preferably cimetidine, etintidine, ranitidine, ICIA-5165, tiotidine, ORF-17578, luptidine, donetidine, famotidine, roxatidine, pifatidine, lamtidine, BL-6548, BMY-25271, zaltidine, nizatidine, mifentidine, BMY-52368, SKF-94482, BL-6341A, ICI-162846, ramixotidine, Wy-45727, SR-58042, BMY-25405, loxtidine, DA-4634, bisfentidine, sufotidine, ebrotidine, HE-30-256, D-16637, FRG-8813, FRG-8701, impromidine, L-643728 or HB-4-08 (especially cimetidine or ranitidine)

USE - Topical application of an H2 antagonist to the gingival or oral mucosal tissues reduces the incidence of colds in susceptible individuals. Effective amounts are 5 g mouthwash or 0.5 g toothpaste. Contact of the composition with oral cavity soft tissue afflicted with gingivitis or periodontitis should be for at least 15 (especially 30-60) seconds. The composition is rinsed out with water following contact. Frequency of contact is once per week to four times per day, especially once or twice per day.

ADVANTAGE - For individuals with heart disease, hypertension, diabetes or thyroid disorders, oral drugs such as decongestants could pose a risk of unfavourable drug interactions and may cause an adverse reaction. It is therefore desirable to deliver relief from specific nasal symptoms via compositions without the need for such active agents.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: ANTAGONIST CIMETIDINE RANITIDINE FORMULATION REDUCE INCIDENCE COLD
SIMILAR ILL

ADDL-INDEXING-TERMS:
HISTAMINE

DERWENT-CLASS: A96 B03 B05

CPI-CODES: A12-V01; B07-D09; B14-L11; B14-N05; B14-N06B;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

F014 F015 F521 H5 H598 H9 K0 L1 L110 L2
L250 L3 L310 L320 L399 M210 M211 M240 M273 M281
M311 M312 M321 M332 M342 M373 M383 M391 M413 M431
M510 M521 M530 M540 M782 M903 M904 P422 P432

Specific Compounds

04588M

Chemical Indexing M2 *02*

Fragmentation Code

C316 F012 F014 F710 H5 H598 H9 K0 K3 K352
K399 L2 L250 L3 L310 L6 L640 L9 L943 M280
M311 M312 M321 M332 M342 M373 M381 M391 M413 M431
M510 M521 M530 M540 M782 M903 M904 P422 P432

Specific Compounds

03432M

Chemical Indexing M2 *03*

Fragmentation Code

F012 F014 F710 H1 H102 H103 H183 H3 H381 H5
H598 H7 H721 H8 H9 K0 L6 L640 M210 M211
M273 M283 M311 M312 M322 M332 M342 M343 M373 M383
M392 M413 M431 M510 M521 M530 M540 M782 M903 M904
P422 P432
Specific Compounds
12966M

Chemical Indexing M2 *04*

Fragmentation Code
F012 F015 F111 H1 H102 H103 H183 H3 H381 H5
H598 H7 H721 H9 K0 L6 L640 M210 M211 M273
M283 M311 M312 M322 M332 M342 M343 M373 M383 M392
M413 M431 M510 M521 M530 M540 M782 M903 M904 P422
P432
Specific Compounds
06378M

Chemical Indexing M2 *05*

Fragmentation Code
F011 F433 G012 G100 H1 H181 H2 H201 H5 H541
H8 J0 J012 J2 J271 J3 J371 M210 M211 M262
M281 M311 M313 M321 M322 M332 M342 M349 M373 M381
M383 M391 M413 M431 M510 M521 M531 M540 M782 M903
M904 P422 P432
Specific Compounds
17864M

Chemical Indexing M2 *06*

Fragmentation Code
F012 F014 F710 H5 H598 H9 K0 L2 L250 L299
L922 M210 M211 M273 M282 M311 M312 M321 M332 M342
M373 M383 M391 M413 M431 M510 M521 M530 M540 M782
M903 M904 P422 P432
Specific Compounds
17863M

Chemical Indexing M2 *07*

Fragmentation Code
F012 F014 F019 F521 F710 K0 L2 L250 L922 M1
M116 M210 M211 M240 M281 M320 M413 M431 M510 M522
M530 M540 M782 M903 M904 P422 P432
Specific Compounds
17866M

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; G4068 G2131 D01 D10 D11 D22 D23 D32 D46 D50 D76 D86 F43 ;
R17298 G2131 D01 D23 D22 D31 D46 D50 D84 F43 ; H0022 H0011 ; P0055 ; P1978*R P0839
D01 D50 D63 F41 Polymer Index [1.2] 018 ; G2357 G0975 D01 D12 D10 D23 D27 D32 D42 D55
D51 D57 D58 D76 F24 F34 ; R00446 G0282 G0271 G0260 G0022 D01 D12 D10 D26 D51 D53
D58 D60 D83 F36 F35 ; H0022 H0011 ; H0033 H0011 ; P0088 Polymer Index [1.3] 018 ; R16377
D01 P0599 G3623 Polymer Index [1.4] 018 ; ND01 ; Q9999 Q7261 ; Q9999 Q9198 Q9165 ; Q9999
Q8037 Q7987 ; K9916

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-017800

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 6 of 6 returned.****1. Document ID: JP 04089428 A**

L6: Entry 1 of 6

File: JPAB

Mar 23, 1992

PUB-NO: JP404089428A

DOCUMENT-IDENTIFIER: JP 04089428 A

TITLE: POLYMORPHONUCLEAR LEUKOCYTE ACTIVATOR

PUBN-DATE: March 23, 1992

INVENTOR-INFORMATION:

NAME

COUNTRY

TSUJITA, SATOSHI

YANO, YOSHITAKA

MOGI, ITSURO

INT-CL (IPC): A61K 31/13; A61K 31/16; A61K 31/415; A61K 45/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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2. Document ID: US 2001022964 A1, WO 200018365 A2, AU 9960593 A, NO 200101476 A, BR 9914064 A, EP 1115372 A2

L6: Entry 2 of 6

File: DWPI

Sep 20, 2001

DERWENT-ACC-NO: 2000-303359
DERWENT-WEEK: 200156
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TITLE: Consumable films that adhere to and dissolve in mouths of consumers
comprise water-soluble polymer(s) and antimicrobial essential oil(s) e.g.
thymol, methyl salicylate, eucalyptol and/or menthol

INVENTOR: KULKARNI, N; KUMAR, L D ; LEONE, R S ; LEUNG, S S ; SORG, A F

PRIORITY-DATA: 1998US-0101798 (September 25, 1998), 1999US-0395104 (September
14, 1999), 2001US-0836474 (April 18, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 2001022964 A1	September 20, 2001		000	A61K007/16
WO 200018365 A2	April 6, 2000	E	054	A61K007/16
AU 9960593 A	April 17, 2000		000	A61K007/16
NO 200101476 A	March 22, 2001		000	A61K009/70
BR 9914064 A	June 19, 2001		000	A61K007/16
EP 1115372 A2	July 18, 2001	E	000	A61K007/16

INT-CL (IPC): A61K 7/16; A61K 7/18; A61K 7/22; A61K 7/26; A61K 9/70; A61K 31/00;
A61L 15/28; A61L 15/44; A61L 15/60; A61L 26/00; A61P 1/04; A61P 1/12; A61P
11/10; A61P 11/14; A61P 29/00; A61P 31/04; A61P 37/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K00C	Draw Desc	Image
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3. Document ID: MX 9810660 A1, WO 9747292 A1, AU 9733069 A, CN 1221338 A, EP
954294 A1, BR 9709792 A, JP 11513035 W

L6: Entry 3 of 6

File: DWPI

Apr 1, 1999

DERWENT-ACC-NO: 1998-052011
DERWENT-WEEK: 200055
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TITLE: Use of H2-antagonist especially cimetidine or ranitidine - in formulations to reduce incidence of colds and similar illnesses

INVENTOR: SINGER, R E

PRIORITY-DATA: 1996US-0662389 (June 12, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
MX 9810660 A1	April 1, 1999		000	A61K031/00
WO 9747292 A1	December 18, 1997	E	015	A61K031/00
AU 9733069 A	January 7, 1998		000	A61K031/00
CN 1221338 A	June 30, 1999		000	A61K031/00
EP 954294 A1	November 10, 1999	E	000	A61K031/00
BR 9709792 A	August 10, 1999		000	A61K031/00
JP 11513035 W	November 9, 1999		018	A61K045/00

INT-CL (IPC): A61K 7/16; A61K 9/06; A61K 31/00; A61K 31/34; A61K 31/415; A61K 31/425; A61K 31/435; A61K 45/00; A61K 47/32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KUMC	Draw Desc	Image
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✓ 4. Document ID: WO 9716159 A1, AU 9674680 A

L6: Entry 4 of 6

File: DWPI

May 9, 1997

DERWENT-ACC-NO: 1997-271850
DERWENT-WEEK: 199724
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TITLE: Antiinflammatory oral composition for treatment of, e.g., gingivitis or periodontitis - comprises a histamine H2 receptor antagonist, such as ranitidine, and antimicrobial oils, such as methyl salicylate or eucalyptol

INVENTOR: PAN, P; RUBIN, M ; STURDIVANT, L D

PRIORITY-DATA: 1995US-0550045 (October 30, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9716159 A1	May 9, 1997	E	022	A61K007/16
AU 9674680 A	May 22, 1997		000	A61K007/16

INT-CL (IPC): A61K 7/16; A61K 7/26; A61K 35/78

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KUMC	Draw Desc	Image
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5. Document ID: BR 1101010 A3, WO 9320815 A1, AU 9339304 A, US 5294433 A, US 5364616 A, CN 1082400 A

L6: Entry 5 of 6

File: DWPI

Oct 26, 1999

DERWENT-ACC-NO: 1993-351341

DERWENT-WEEK: 200013

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TITLE: Treatment of gingivitis or soft tissue aspects of periodontitis - by admin. of a selective H-2 antagonist esp. cimetidine

INVENTOR: EBEL, J P; SINGER, R E

PRIORITY-DATA: 1993US-0019782 (March 5, 1993), 1992US-0868805 (April 15, 1992), 1993US-0171494 (December 22, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
BR 1101010 A3	October 26, 1999		000	A61K007/18
WO 9320815 A1	October 28, 1993	E	036	A61K031/41
AU 9339304 A	November 18, 1993		000	A61K031/41
US 5294433 A	March 15, 1994		014	A61K007/16
US 5364616 A	November 15, 1994		014	A61K007/16
CN 1082400 A	February 23, 1994		000	A61K007/16

INT-CL (IPC): A61K 7/16; A61K 7/18; A61K 7/22; A61K 31/155; A61K 31/275; A61K 31/34; A61K 31/41; A61K 31/415; A61K 31/425; A61K 31/44; A61K 31/445; A61K 31/505

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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6. Document ID: JP 04089428 A

L6: Entry 6 of 6

File: DWPI

Mar 23, 1992

DERWENT-ACC-NO: 1992-147543

DERWENT-WEEK: 199218

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TITLE: Polymorphonuclear leukocyte activator - contains histamine H1 and/or H2 receptor blocker for treating tinea pedis, haemorrhoids, periodontal diseases and intractable infections

PRIORITY-DATA: 1990JP-0199186 (July 30, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 04089428 A	March 23, 1992		006	

INT-CL (IPC): A61K 31/13; A61K 45/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims
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KWIC	Draw Desc	Image
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Generate Collection

Terms	Documents
((H2 adj antagonist) or cimetidine or ranitidine) same (periodont\$6 or gingivitis)	6

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Documents, starting with Document:

6

Display Format: CIT

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Search Results -

Terms	Documents
((Doyle)[IN] OR (hunter-rinderle)[IN] Or (Singer)[IN]) and (H2 adj antagonist\$2)	3

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index

Database: IBM Technical Disclosure Bulletins

Refine Search:

((Doyle)[IN] OR (hunter-rinderle)[IN] Or
(Singer)[IN]) and (H2 adj antagonist\$2)

Clear

Search History

Today's Date: 12/16/2001

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 3 of 3 returned.****1. Document ID: WO 9747292 A1**

L10: Entry 1 of 3

File: EPAB

Dec 18, 1997

PUB-NO: WO009747292A1

DOCUMENT-IDENTIFIER: WO 9747292 A1

TITLE: USE OF H2-ANTAGONISTS FOR THE MANUFACTURE OF A TOPICAL COMPOSITION FOR THE TREATMENT OF COLDS

PUBN-DATE: December 18, 1997

INVENTOR-INFORMATION:

NAME

COUNTRY

SINGER, ROBERT ERNEST JR

INT-CL (IPC): A61K 31/00

EUR-CL (EPC): A61K031/34; A61K031/425

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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2. Document ID: MX 9810660 A1, WO 9747292 A1, AU 9733069 A, CN 1221338 A, EP 954294 A1, BR 9709792 A, JP 11513035 W

L10: Entry 2 of 3

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WO 9747292 A1	December 18, 1997	E	015	A61K031/00
AU 9733069 A	January 7, 1998		000	A61K031/00
CN 1221338 A	June 30, 1999		000	A61K031/00
EP 954294 A1	November 10, 1999	E	000	A61K031/00
BR 9709792 A	August 10, 1999		000	A61K031/00
JP 11513035 W	November 9, 1999		018	A61K045/00

INT-CL (IPC): A61K 7/16; A61K 9/06; A61K 31/00; A61K 31/34; A61K 31/415; A61K 31/425; A61K 31/435; A61K 45/00; A61K 47/32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KINC	Draw Desc	Image
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3. Document ID: BR 1101010 A3, WO 9320815 A1, AU 9339304 A, US 5294433 A, US 5364616 A, CN 1082400 A

L10: Entry 3 of 3

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INVENTOR: EBEL, J P; SINGER, R E

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1993US-0171494 (December 22, 1993)

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PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
BR 1101010 A3	October 26, 1999		000	A61K007/18
WO 9320815 A1	October 28, 1993	E	036	A61K031/41
AU 9339304 A	November 18, 1993		000	A61K031/41
US 5294433 A	March 15, 1994		014	A61K007/16
US 5364616 A	November 15, 1994		014	A61K007/16
CN 1082400 A	February 23, 1994		000	A61K007/16

INT-CL (IPC): A61K 7/16; A61K 7/18; A61K 7/22; A61K 31/155; A61K 31/275; A61K
31/34; A61K 31/41; A61K 31/415; A61K 31/425; A61K 31/44; A61K 31/445; A61K
31/505

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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Generate Collection

Terms	Documents
((Doyle)[IN] OR (hunter-rinderle)[IN] Or (Singer)[IN]) and (H2 adj antagonist\$2)	3

Display

10

Documents, starting with Document: 3

Display Format: CIT

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<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI	((Doyle)[IN] OR (hunter-rinderle)[IN] Or (Singer)[IN]) and (H2 adj antagonist\$2)	3	<u>L10</u>
USPT,PGPB,JPAB,EPAB,DWPI	(Doyle)[IN] OR (hunter-rinderle)[IN] Or (Singer)[IN]	8613	<u>L9</u>
USPT,PGPB,JPAB,EPAB,DWPI	(Doyle)[IN] OR (hunter-rinderle)[IN]	3731	<u>L8</u>
USPT	(Doyle)[IN] OR (hunter-rinderle)	1414	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI	((H2 adj antagonist) or cimetidine or ranitidine) same (periodont\$6 or gingivitis)	6	<u>L6</u>
USPT	((H2 adj antagonist) or cimetidine or ranitidine) same (periodont\$6 or gingivitis)	0	<u>L5</u>
USPT	((H2 adj antagonist) or cimetidine or ranitidine) same (mouth or periodont\$6 or gingivitis)	32	<u>L4</u>
USPT	(H2 adj antagonist) same (oral or periodont\$6 or gingivitis)	8	<u>L3</u>
USPT	H2 antagonist same (oral or periodont\$6 or gingivitis)	16974	<u>L2</u>
USPT	H2 antagonist	38636	<u>L1</u>